

**SPRINT WIRELESS – SD34XC563 AUSTIN DRIVE ROW SITE
SPRING VALLEY, CALIFORNIA 91977
ALTERNATIVE SITE ANALYSIS**

Project Site / Coverage Objective

While this Alternative Analysis Report is written as if the site has never been built (a retroactive assessment), it actually does exist in the County of San Diego Right of Way off of Austin Drive, and has been providing excellent wireless service for Sprint customers for years. The existing Sprint facility consists of multiple omni-directional antennas located on a wood utility pole with equipment cabinets and accessory equipment, including multiple cabinets, power pedestal, meter, on ground located slightly to the east, on the south side of Austin Drive in the ROW. The project site is on major arterial surrounded by residential uses (single-family residential and condos). Austin Drive bisects to the east Sweetwater Springs Road, the primary north to south bound roadway in the vicinity of the site.

Since the existing Sprint site has been providing wireless service for Sprint customers for years, it has its own coverage objectives in light of the existing network of sites and their operating efficiencies. If the site was removed, it would create a significant coverage hole in the network resulting in possible unresolvable consequences. Current modifications pursued by Sprint (through the new Major Use Permit) are for Sprint's wireless communication technology migration from 3G to 4G. The radius for this objective in this suburban area is smaller at 0.75 to 1 mile than the majority of WTFs which can range up to 1.5 miles in diameter in suburban settings.

Preferred Location Sites per Section 6986 of the County of San Diego Zoning Ordinance

Water Tanks marked on aerial map: These water tanks located 1.5 miles to the southwest (of the existing site) were considered, yet they were not viable for the following reasons. One, the site objective was to provide residential uses with a 3G (3rd Generation) technology. In order to do so, the site had to be placed strategically within the framework of the residential neighborhood to provide for dense, in fill coverage. The water tank site was too far south and off the periphery of the residential neighborhood to be viable. Second, the water tank site would be too close to the nearest handoff / receive network site which has been identified on the aerial map. The existing site is located just east/southeast of the water tanks in the strip mall at Sweetwater Springs Road and Jamacha Road.

Utility Poles: The existing site is currently utilizing a wood pole, a lower visual impact option.

County or Government Facilities: The site is in the County ROW. Sprint has a MLA (Master Lease Agreement) with the County to place these low power but vital sites in strategic roadways in suburban and rural neighborhoods.

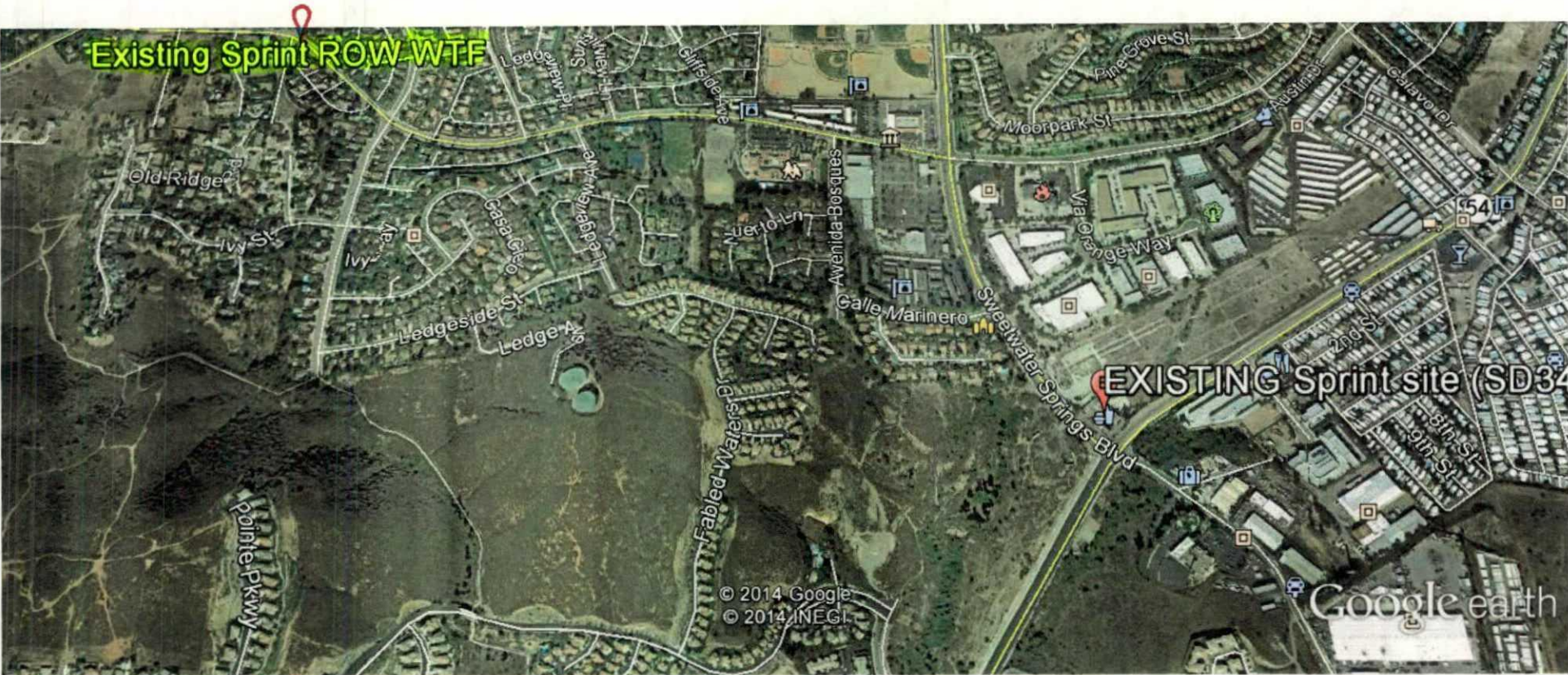
Commercial or Industrial Buildings: Shopping Center at corner of Sweetwater Springs Road and Austin Drive. This commercial center was available yet was too close to Sprint's existing WTF to the south at the corner of Jamacha Rd. and Sweetwater Springs Road.

Cobra Style Street Light Standard - This street light pole option was not available at the preferred site location, rather an existing wood utility pole was an excellent similar option chosen.

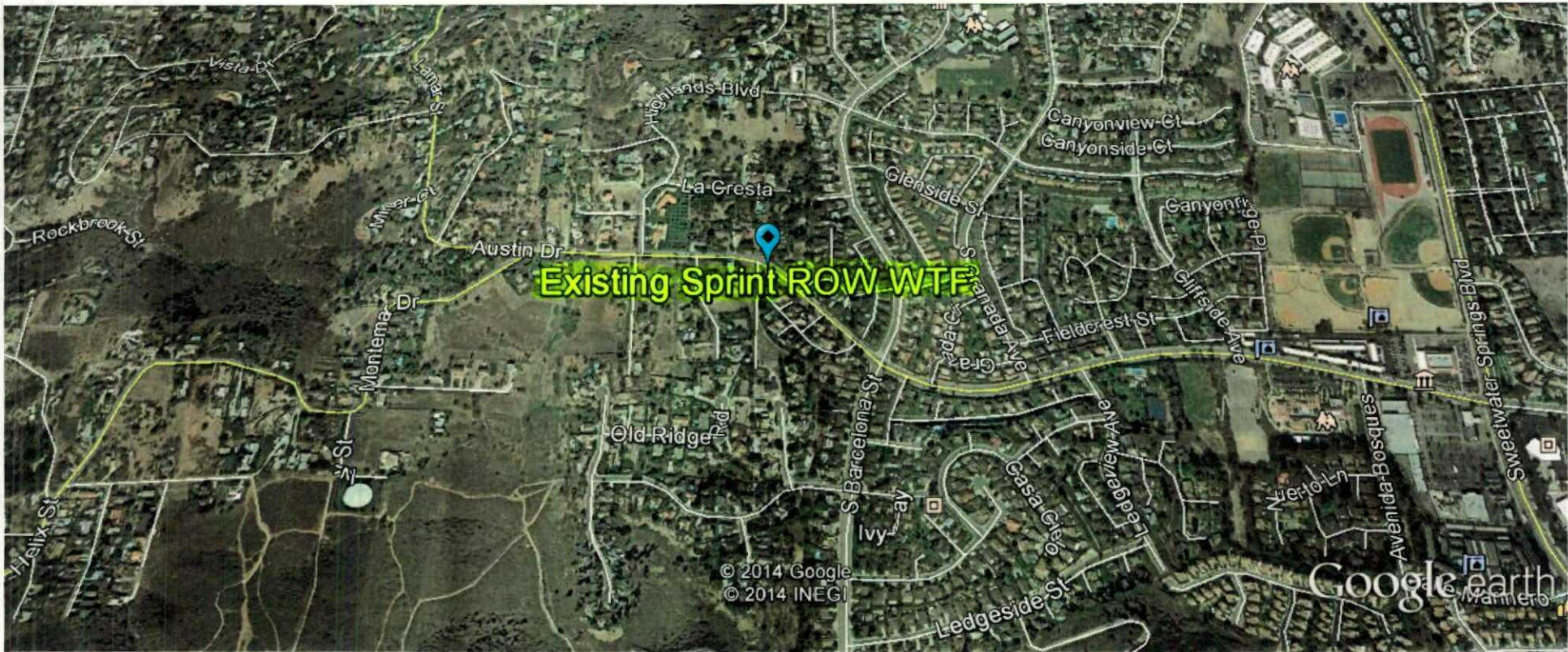
Traffic Light - The nearest traffic light available is too far east, outside of the residential neighborhood target objective, and too close to existing network receive / transmit site at corner of Jamacha Rd. and Sweetwater Springs Road.

Utility Towers (e.g. Lattice) - No utility towers in the area to provide coverage to the target residential neighborhood.

Additional Sites - Directly to the north of the existing site are residential uses. No other arterials in this area, besides Austin Drive (to the south) meet specific coverage objectives. In light of existing network site at the corner of Jamacha Rd. and Sweetwater Springs Road, just to the south, and coverage objectives, no additional sites were considered.



EXISTING Sprint site (SD34XC534)



Existing Sprint ROW WTF